

---

**Product Data Sheet**

---

Product Name: Retusin  
Cat. No.: GC37519

**Chemical Properties**

Cas. No. 1245-15-4

SMILES O=C1C(OC)=C(C2=CC=C(OC)C(OC)=C2)OC3=CC(OC)=CC(O)=C13

Formula C<sub>19</sub>H<sub>18</sub>O<sub>7</sub>

M.Wt 358.34

Solubility DMSO : 25 mg/mL (69.77 mM; Need ultrasonic (<70°C))

Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

**Background**

Retusin (Quercetin-3,3',4',7-tetramethylether), a natural compound isolated from the leaves of *Talinum triangulare*, possesses antiviral and anti-inflammatory activities[1].

[1]. Ga-Eun Lee, et al. Antiviral activities of hydroxylated flavones on feline foamy viral proliferation. *Appl Biol Chem*. 2017 Jul.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA